

ABSTRACT

A receiving process method of a receiving apparatus used in a mobile communication system is provided in which a sending apparatus sends a plurality of code channels as code channel groups to which spreading codes are assigned to a receiving apparatus, and the receiving apparatus receives the code channels. The receiving process method includes, when spreading codes used for the code channel groups are orthogonal code sequences, generating received spreading signal sequences of the code channel groups according to the number of received paths. The receiving process method further includes removing received spreading signal sequences of a received path of own code channel group of the receiving apparatus which should be removed from the received signals.